



**General Description:**

The purpose of this position is to provide skilled and technical work in the treatment operations of the facility.

**Essential Functions:**

- Reviews various operational parameters in the plant, reporting the process and equipment status to the Plant Shift Supervisor or designee; adjusts parameters as directed or in accordance with standard operating procedures.
- Notifies the Plant Shift Supervisor of results indicative of potential impact to the water quality.
- Checks various operational parameters in the plant; reports process and equipment status to Plant Shift Supervisor, makes adjustments as directed or in accordance with standard operating procedures.
- Detects odors and changes in the visual appearance (including color) of substances including, but not limited to, colorimetric end points and potentially hazardous chemicals.
- Senses vibration by touch and temperature by proximity.
- Detects audible alarms and indicators of equipment malfunctions in normal aural range and responds correctly to these inputs.
- Reviews and follows the established water monitoring plans, standard operating procedures, emergency action plans and other plans as required.
- Participates in routine preventive maintenance of plant equipment, recognizes fault or inefficient operations of equipment and logs work orders for maintenance.
- Performs reporting, recordkeeping, and mathematical calculations, and communicates with management, co-workers, and the public in English, orally, electronically, and in writing.
- Reviews SCADA screens, historical trending data, gauges, dials, equipment info plates, charts, & manuals.
- Collects samples and performs basic laboratory analyses.
- Calibrates & adjusts chemical systems under the direction of a Master Plant Operator or Plant Shift Supervisor.
- Cleans and maintains equipment and conducts general cleanup duties using an industrial water hose.
- Responds during emergency situations, as required, including those occurrences after normal working hours and HAZMAT-related events, such as hazardous release incidents.
- Performs other work as assigned.

**Physical Demands:**

- Refer to Essential Functions Addendum #7.

**Minimum Education and Experience Requirements:**

- Requires a High School diploma or equivalent.
- An associate degree or higher from an accredited college or university in environmental science, water resource management, biology, chemistry, or related field is preferred.

**Special Certifications and Licenses:**

- Must obtain Grade III Treatment Plant Operator certification from TDEC, or its successor, within 30 months of employment for the respective treatment facility.
- Must have a valid driver's license.

The City of Murfreesboro is an Equal Opportunity Employer.